

FORM PTO-1449

ATTY. DOCKET NO.
1744.0710005

APPLICATION NO.
09/590,955

APPLICANT
Johnson et al.

FILING DATE
June 9, 2000

GROUP
2634

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CO ↓ J	AC49	6,330,244 B1	12/2001	Swartz <i>et al.</i>			01/16/1998
	AD49	4,384,357	05/1983	deBuda <i>et al.</i>			
	AE49	4,470,145	09/1984	Williams			
	AF49	5,600,680	02/1997	Mishima <i>et al.</i>			
	AG49	5,606,731	02/1997	Pace <i>et al.</i>			
	AH49	5,870,670	02/1999	Ripley <i>et al.</i>			
	AI49	6,314,279 B1	11/2001	Mohindra			06/29/1998

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
CS	AL19	EP 0 254 844 A2	02/1988	EP	H03D	7/00	N/A
CS	AM19	EP 0 632 577 A1	01/1995	EP	H03D	7/16	N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Content (including Abstract, Title, Date, Filing Date, Pages, etc.)			
Co	AO	<u>56</u>	Translation of Japanese Patent Publication No. JP 60-130203, 3 pages.
Co	AP	<u>56</u>	Razavi, B., "A 900-MHz/1.8-GHz CMOS Transmitter for Dual-Band Applications, <i>Symposium on VLSI Circuits Digest of Technical Papers</i> , IEEE, pp. 128-131 (1998).
Co	AQ	<u>56</u>	Ritter, G.M., "SDA, A New Solution for Transceivers," <i>16th European Microwave Conference</i> , Microwave Exhibitions and Publishers, pp. 729-733 (September 8, 1986).
Co	AR	<u>56</u>	DIALOG File 351 (Derwent WPI) English Language Patent Abstract for FR 2 669 787, 1 page (May 29, 1992-Date of publication of application).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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FOREIGN PATENT DOCUMENTS

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EXAMINER	DATE CONSIDERED
<i>C. J. Odon</i>	<i>4/15/04</i>

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2634**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ21	EP 0 789 449 A2	08/1997	EP	H03D	7/12	N/A
	AK21	FR 2 669 787 A1	05/1992	FR	H03D	7/14	No
	AL21	GB 2 324 919 A	11/1998	GB	H03D	7/18	N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED _____

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	FORM PTO-1449		ATTY. DOCKET NO. 1744.0710005	APPLICATION NO. 09/590,955
	SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANTS Johnson et al.	
			FILING DATE June 9, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC50	3,246,084	04/1966	Kryter			
	AD50	3,702,440	11/1972	Moore			
	AE50	3,767,984	10/1973	Shinoda et al.			
	AF50	3,852,530	12/1974	Shen			
	AG50	4,220,977	09/1980	Yamañaka			
	AH50	5,016,242	05/1991	Tang			
	AI50	5,937,013	08/1999	Lam et al.			


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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AM21	JP 61-30821	02/1986	JP			No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	57	Akos, D.M. et al., "Direct Bandpass Sampling of Multiple Distinct RF Signals," <i>IEEE Transactions on Communications</i> , IEEE, Vol. 47, No. 7, pp. 983-988 (July 1999).
	AO	57	Patel, M. et al., "Bandpass Sampling for Software Radio Receivers, and the Effect of Oversampling on Aperture Jitter," <i>VTC 2002, IEEE</i> , pp. 1901-1905 (2002).
	AP	57	English-language Abstract of Japanese Patent Publication No. 61-030821, from http://www1.ipdl.jpo.go.jp , 2 Pages (February 13, 1986- Date of publication of application).
	AQ	57	English-language Abstract of Japanese Patent Publication No. 05-327356, from http://www1.ipdl.jpo.go.jp , 2 Pages (December 10, 1993 - Date of publication of application).
	AR	57	Taylor, D., "A Low-noise, High-performance Zero IF Quadrature Detector/Preamplifier," <i>RF Design</i> , Primedia Business Magazines & Media, Inc., pp. 58, 60, 62 and 69 (March 2003).

EXAMINER	<i>Cutler</i> <i>Odor</i>	DATE CONSIDERED	<i>4/13/04</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CO ↓ ↓ ↓ ↓ ↓ ↓	AA51	6,014,551	01/2000	Pesola <i>et al.</i>			
	AB51	6,073,001	06/2000	Sokoler			
	AC51	6,085,073	07/2000	Palermo <i>et al.</i>			
	AD51	6,400,963 B1	06/2002	Glöckler <i>et al.</i>			
	AE51	6,230,000 B1	05/2001	Taylor			
	AF51	5,483,695	01/1996	Pardoen			
	AG51	6,542,722 B1	04/2003	Sorrells <i>et al.</i>			
	AH51	6,560,301 B1	05/2003	Cook <i>et al.</i>			
	AI51	6,098,046	08/2000	Cooper <i>et al.</i>			

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FOREIGN PATENT DOCUMENTS

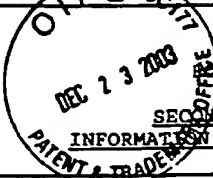
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CO ↓	AJ22	JP 5-327356	12/1993	JP			No
	AK22	EP 0 643 477 A2 & A3	03/1995	EP			N/A
	AL22	EP 0 877 476 A1	11/1998	EP			N/A
	AM22	EP 0 977 351 A1	02/2000	EP			N/A

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CO ↓	AN	58	Dines, J.A.B., "Smart Pixel Optoelectronic Receiver Based on a Charge Sensitive Amplifier Design," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , IEEE, Vol. 2, No. 1, pp. 117-120 (April 1996).
	AO	58	Simoni, A. et al., "A Digital Camera for Machine Vision," <i>20th International Conference on Industrial Electronics, Control and Instrumentation</i> , IEEE, pp. 879-883 (September 1994).
	AP	58	Stewart, R.W. and Pfann, E., "Oversampling and sigma-delta strategies for data conversion," <i>Electronics & Communication Engineering Journal</i> , IEEE, pp. 37-47 (February 1998).
	AQ	58	Rudell, J.C. et al., "A 1.9-GHz Wide-Band IF Double Conversion CMOS Receiver for Cordless Telephone Applications," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 32, No. 12, pp. 2071-2088 (December 1997).
	AR	58	English-language Abstract of Japanese Patent Publication No. 09-036664, from http://www1.ipdl.jpo.go.jp , 2 Pages (February 7, 1997 - Date of publication of application).

EXAMINER Curtis OlsonDATE CONSIDERED 4/15/04

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 FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0710005	APPLICATION NO. 09/590,955
	APPLICANTS Johnson et al.	
	FILING DATE June 9, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CP	AA52	5,564,097	10/1996	Swanke			
	AB52	5,898,912	04/1999	Heck et al.			
	AC52	4,660,164	04/1987	Leibowitz			
	AD52	6,580,902 B1	06/2003	Sorrells et al.			
	AE52	4,857,928	08/1989	Gailus et al.			
	AF52	5,389,839	02/1995	Heck			
	AG52	5,471,665	11/1995	Pace et al.			
	AH52	6,327,313 B1	12/2001	Traylor et al.			
	AI52	5,751,154	05/1998	Tsugai			

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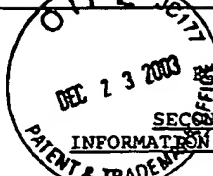
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✓	AJ23	WO 00/31659 A1	06/2000	PCT			N/A
	AK23	JP 9-36664	02/1997	JP			No
	AL						
	AM						

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C	AN	59	Simoni, A. et al., "A Single-Chip Optical Sensor with Analog Memory for Motion Detection," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 30, No. 7, pp. 800-806 (July 1995).
	AO		
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EXAMINER <i>Curtis Od</i>	DATE CONSIDERED 4/15/04
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP	AA53	5,793,817	08/1998	Wilson			
	AB53	6,225,848 B1	05/2001	Tilley et al.			
	AC53	6,313,685 B1	11/2001	Rabii			
	AD53	3,614,627	10/1971	Runyan et al.			
	AE53	3,940,697	02/1976	Morgan			
	AF53	4,016,366	04/1977	Kurata			
	AG53	4,045,740	08/1977	Baker			
	AH53	4,115,737	09/1978	Hongu et al.			
	AI53	5,710,992	01/1998	Sawada et al.			

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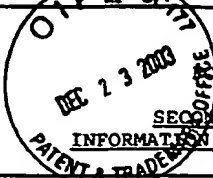
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 FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0710005	APPLICATION NO. 09/590,955
	APPLICANTS Johnson et al.	
	FILING DATE June 9, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA54	5,790,587	08/1998	Smith et al.			
	AB54	4,740,675	04/1988	Brosnan et al.			
	AC54	5,483,600	01/1996	Werrbach			
	AD54	6,011,435	01/2000	Takeyabu et al.			
	AE54	6,321,073 B1	11/2001	Luz et al.			
	AF54	6,026,286	02/2000	Long			
	AG54	6,178,319 B1	01/2001	Kashima			
	AH54	6,634,555 B1	10/2003	Sorrells et al.			
	AI54	3,736,513	05/1973	Wilson			

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FOREIGN PATENT DOCUMENTS

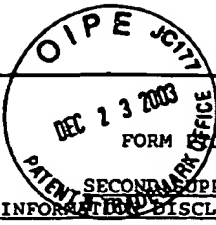
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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EXAMINER <i>Charles Oden</i>	DATE CONSIDERED <i>4/15/04</i>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CW	AA55	4,488,119	12/1984	Marshall			
	AB55	4,633,510	12/1986	Suzuki et al.			
	AC55	5,369,789	11/1994	Kosugi et al.			
	AD55	5,416,449	05/1995	Joshi			
	AE55	5,438,329	08/1995	Gastouniotis et al.			
	AF55	6,611,569 B1	08/2003	Schier et al.			
	AG55	6,647,250 B1	11/2003	Bultman et al.			
	AH55	5,682,099	10/1997	Thompson et al.			
	AI55	6,094,084	07/2000	Abou-Allam et al.			

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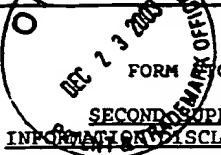
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						

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EXAMINER Curtis Oden	DATE CONSIDERED 4/15/04
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 <p>FORM NO-1449 SECOND SUPPLEMENTAL INFORMATIONAL DISCLOSURE STATEMENT</p>	ATTY. DOCKET NO. 1744.0710005	APPLICATION NO. 09/590,955
	APPLICANTS Johnson et al.	
	FILING DATE June 9, 2000	GROUP 2634

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CP	AA56	6,067,329	05/2000	Kato et al.			
	AB56	6,516,185 B1	02/2003	MacNally			
	AC56	6,608,647 B1	08/2003	King			
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	AM						

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EXAMINER C. H. S. Odom	DATE CONSIDERED 4/15/04
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THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.0710005Page 1 of 1
APPLICATION NO.
09/590,955INVENTORS
JOHNSON *et al.*FILING DATE
June 9, 2000ART UNIT
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
W	AD56	5,955,992	09/1999	Shattil			
W	AE56	5,999,561	12/1999	Naden <i>et al.</i>			
	AF56	6,686,879 B2	02/2004	Shattil			
U	AG56	5,345,239	09/1994	Madni <i>et al.</i>			
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
W	AL23	DE 196 48 915 A1	06/1998	DE			Yes (Doc. AO59)
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
W	AO	59	English Translation of German Patent Publication No. DE 196 48 915 A1, 10 pages.
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	AR		

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DATE CONSIDERED

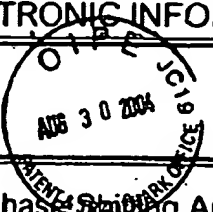
10/15/04

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
 Stylesheet Version v18.0



Title of Invention

Phase Shifting Applications of Universal Frequency Translation

Application Number: 09/590955

Confirmation Number: 2387

First Named Applicant: Martin JOHNSON

Attorney Docket Number: 1744.0710005

Art Unit: 2634

Examiner: Curtis B. Odom

Search string: (6687493 or 6694128 or 6704549 or 6704558 or 5490176 or 5970053 or 6078630 or 6600911 or 5179731 or 5589793 or 4510467 or 4772853 or 4972436 or 5012245 or 5422909 or 5440311 or 5926513 or 5995030 or 6047026 or 6049573 or 6076015 or 6144331 or 6018553 or 6317589 or 5058107 or 5757858 or 6531979 or 6018262 or 4761798 or 5982315 or 6459721 or 6151354 or 6169733 or 6363262 or 6697603 or 5678226 or 5760632 or 6160280 or 5481570 or 5745846 or 6031217 or 4132952 or 5260973 or 6307894 or 6091289 or 6437639 or 20020037706).pn.



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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CO	1	6687493	2004-02-03	Sorrells et al.	B1	X	
CO	2	6694128	2004-02-17	Sorrells et al.	B1		
CO	3	6704549	2004-03-09	Sorrells et al.	B1		
CO	4	6704558	2004-03-09	Sorrells et al.	B1		
CO	5	5490176	1996-02-06	Peltier			
CO	6	5970053	1999-10-19	Schick et al.			
CO	7	6078630	2000-06-20	Prasanna			
CO	8	6600911	2003-07-29	Morishige et al.	B1		
CO	9	5179731	1993-01-12	Trankle et al.			
CO	10	5589793	1996-12-31	Kassapian			
CO	11	4510467	1985-04-09	Chang et al.			
CO	12	4772853	1988-09-20	Hart			
CO	13	4972436	1990-11-20	Halim et al.			
CO	14	5012245	1991-04-30	Scott et al.			

SUB_TYPE=Information_Disclosure_Statement EFS_ID=67638 APP_ID=09590955 DOC_TYPE=us-ids

15	5422909	1995-06-06	Love et al.	
16	5440311	1995-08-08	Gallagher et al.	
17	5926513	1999-07-20	Suominen et al.	
18	5995030	1999-11-30	Cabler	
19	6047026	2000-04-04	Chao et al.	
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21	6076015	2000-06-13	Hartley et al.	
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35	6697603	2004-02-24	Lovinggood et al.	B1
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38	6160280	2000-12-12	Bonn et al.	
39	5481570	1996-01-02	Winters	
40	5745846	1998-04-28	Myer et al.	
41	6031217	2000-02-29	Aswell et al.	
42	4132952	1979-01-02	Hongu et al.	
43	5260973	1993-11-09	Watanabe	
44	6307894	2001-10-23	Eidson et al.	B2
45	6091289	2000-07-18	Song et al.	
46	6437639	2002-08-20	Nguyen et al.	B1

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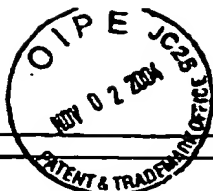
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US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
US	1	20020037706	2002-03-28	Ichihara	A1		

SUB_TYPE=Information_Disclosure_Statement EFS_ID=67638 APP_ID=09590955 DOC_TYPE=us-ids



FORM PTO-1449

FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

1744.0710005

APPLICATION NO.

09/590,955

INVENTORS

JOHNSON *et al.*

FILING DATE

June 9, 2000

ART UNIT

2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
CO	AH56	4,441,080	04/1984	Saari	—	—	
CO	AI56	4,873,492	10/1989	Myer	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
	AO		
CO	AP	59	Deboo, Gordon J., <i>Integrated Circuits and Semiconductor Devices</i> , 2 nd Edition, McGraw-Hill, Inc., pp. 41-45 (1977).
	AQ		
	AR		

EXAMINER

Curtis Olson

DATE CONSIDERED

12/22/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.0710005APPLICATION NO.
09/590,955INVENTORS
JOHNSON *et al.*FILING DATE
June 9, 2000ART UNIT
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP	AA57	5,697,074	12/1997	Makikallio <i>et al.</i>			
	AB57	5,784,689	07/1998	Kobayashi			
	AC57	6,335,856 B1	01/2002	Goldfarb <i>et al.</i>			
	AD57	6,690,232 B2	02/2004	Ueno <i>et al.</i>			
	AE57	5,636,140	06/1997	Lee <i>et al.</i>			
	AF57	6,366,622 B1	04/2002	Brown <i>et al.</i>			
	AG57	6,600,795 B1	07/2003	Ohta <i>et al.</i>			
	AH57	4,250,458	02/1981	Richmond <i>et al.</i>			
	AI57	5,760,629	06/1998	Urabe <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

Curtis Aden

DATE CONSIDERED

12/22/04

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FORM PTO-1449

FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.0710005APPLICATION NO.
09/590,955INVENTORS
JOHNSON *et al.*FILING DATE
June 9, 2000ART UNIT
2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP	AA58	6,084,465	07/2000	Dasgupta			
	AB58	6,204,789 B1	03/2001	Nagata			
	AC58	6,064,054	05/2000	Waczynski <i>et al.</i>			
	AD58	5,218,562	06/1993	Basehore <i>et al.</i>			
	AE58	5,239,496	08/1993	Vancraeynest			
	AF58	5,896,304	04/1999	Tiemann <i>et al.</i>			
	AG58	6,005,903	12/1999	Mendelovicz			
	AH58	5,834,979	11/1998	Yatsuka			
	AI58	6,798,351 B1	09/2004	Sorrells <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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DATE CONSIDERED

12/20/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
SIXTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1744.0710005

APPLICATION NO.
09/590,955

INVENTORS
Johnson *et al.*

FILING DATE
June 9, 2000

ART UNIT
2387

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
CO	AD61	6,057,714	05/2000	Andrys <i>et al.</i>	X	X	
CO	AE61	2003/0081781 A1	05/2003	Jensen <i>et al.</i>			
CO	AF61	5,994,689	11/1999	Charrier			
CO	AG61	6,512,544 B1	01/2003	Merrill <i>et al.</i>			
CO	AH61	6,628,328 B1	09/2003	Yokouchi <i>et al.</i>			
CO	AI61	6,801,253 B1	10/2004	Yonemoto <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	DOC. REF.	CITATION
	AN	
	AO	
	AP	
CO	AQ59	Hellwarth, G.A. and Jones, G.D, "Automatic Conditioning of Speech Signals," <i>IEEE Transactions on Audio and Electroacoustics</i> , Vol. AU-16, No. 2, pp. 169-179 (June 1968).
	AR	

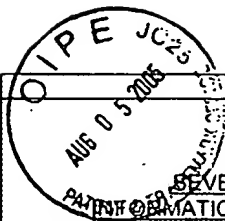
EXAMINER

Curtis Odem

DATE CONSIDERED

11/5/04

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FORM PTO-1449

ATTY. DOCKET NO.
1744.0710005APPLICATION NO.
09/590,955SEVENTH SUPPLEMENTAL
PATENT INFORMATION DISCLOSURE STATEMENTFIRST NAMED INVENTOR
Martin R. JohnsonFILING DATE
June 9, 2000ART UNIT
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CO	AA62	6,879,817 B1	04/2005	Sorrells <i>et al.</i>			
CO	AB62	3,737,778	06/1973	Van Gerwen <i>et al.</i>			
CO	AC62	4,286,283	08/1981	Clemens			
CO	AD62	4,241,451	12/1980	Maixner <i>et al.</i>			
CO	AE62	5,014,130	05/1991	Heister <i>et al.</i>			
CO	AF62	5,390,215	02/1995	Anita <i>et al.</i>			
CO	AG62	5,805,460	09/1998	Greene <i>et al.</i>			
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	AI						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
CO	AM23	DE 692 21 098 T2	01/1998	DE			No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	DOC. REF.	CITATION
	AN	
	AO	
	AP	
	AQ	
CO	AR59	English Abstract for German Patent No. DE 692 21 098 T2, 1 page, data supplied from the espacenet.

EXAMINER *Christis Odom*DATE CONSIDERED *1/5/04*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
EIGHTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1744.0710005

APPLICATION NO.
09/590,955

FIRST NAMED INVENTOR
Martin R. Johnson

FILING DATE
June 9, 2000

ART UNIT
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
CP	AH62	6,882,194 B2	04/2005	Belot <i>et al.</i>	✓	✓	
CL	AI62	6,892,062 B2	05/2005	Lee <i>et al.</i>	✓	✓	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	DOC. REF.	CITATION
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EXAMINER

Curtis Odon

DATE CONSIDERED

1/5/04

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FORM PTO-1449 EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1744.0710005 FIRST NAMED INVENTOR Martin R. Johnson FILING DATE June 9, 2000		APPLICATION NO. 09/590,955 ART UNIT 2634	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP	AA63	6,917,796 B2	07/2005	Setty <i>et al.</i>	X		
CP	AB63	6,920,311 B2	07/2005	Rofougaran <i>et al.</i>			
CP	AC63	5,062,122	10/1991	Pham <i>et al.</i>			
CP	AD63	6,182,011 B1	01/2001	Ward			
CP	AE63	6,639,939 B1	10/2003	Naden <i>et al.</i>			
CP	AF63	5,787,125	07/1998	Mittel			
CP	AG63	5,878,088	03/1999	Knutson <i>et al.</i>			
CP	AH63	6,215,828	04/2001	Signell <i>et al.</i>			
	AI						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER INITIAL	DOC. REF.	CITATION					
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EXAMINER					DATE CONSIDERED		
Curtis Odon					1/5/04		

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FORM PTO-1449

ATTY. DOCKET NO.
1744.0710005APPLICATION NO.
09/590,955NINTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTFIRST NAMED INVENTOR
Martin R. JohnsonFILING DATE
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
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	AG						
	AH						
CO	AI63	5,703,584	12/1997	Hill			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

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FORM PTO-1449

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP	AA64	5,887,001	03/1999	Russell			
CP	AB64	6,298,065 B1	10/2001	Dombkowski <i>et al.</i>			
CP	AC64	2002/0080728 A1	06/2002	Sugar <i>et al.</i>			
CP	AD64	2002/0163921 A1	11/2002	Ethridge <i>et al.</i>			
CP	AE64	6,963,734 B2	11/2005	Sorrells <i>et al.</i>			
CP	AF64	6,005,506	12/1999	Bazarjani <i>et al.</i>			
CP	AG64	6,438,366 B1	08/2002	Lindfors <i>et al.</i>			
CP	AH64	2001/0015673 A1	08/2001	Yamashita <i>et al.</i>			
CP	AI64	2003/0045263 A1	03/2003	Wakayama <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	DOC. REF.	CITATION
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EXAMINER

Curtis Odom

DATE CONSIDERED

1/5/04

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FORM PTO-1449

NINTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.0710005APPLICATION NO.
09/590,955FIRST NAMED INVENTOR
Martin R. JohnsonFILING DATE
June 9, 2000ART UNIT
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP	AA65	5,196,806	03/1993	Ichihara	X	X	
CP	AB65	5,410,195	04/1995	Ichihara			
CP	AC65	6,404,823 B1	06/2002	Grange <i>et al.</i>			
	AD65	6,618,579 B1	09/2003	Smith <i>et al.</i>			
	AE						
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	AI						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	DOC. REF.	CITATION
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	AP	
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